

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A sound volume adjustment system for a personal computer, said personal computer having a sound device, the system comprising:

a memory resident on the personal computer in which ~~plural~~ a plurality of sound volume-setting information for adjustment coefficients are stored, each of the plurality of sound volume adjustment coefficients corresponding to a respective one of a plurality of software applications is stored;

an operating system resident on the personal computer; and

sound volume adjustment control means resident on the personal computer for adjusting, based on said plurality of sound volume-setting information adjustment coefficients, sound volume data for each application of the plurality of software applications, ~~based on said sound volume-setting information and for~~ transferring the adjusted sound volume data to the operating system,

~~wherein a sound volume level of said adjusted sound volume data is set to level near that of a sound volume of a system sound (error sound) based on the error sound generated by said operating system.~~

wherein said sound volume adjustment control means adjusts said sound volume data for each application of the plurality of software applications by multiplying said sound volume data for each application by a corresponding one of said plurality of sound volume adjustment coefficients; and

wherein each of the plurality of sound volume adjustment coefficients are set as multiples of a variable level of a sound volume of a system sound generated by said operating system, said variable level of said sound volume of said system sound being unchanged when an application of the plurality of software applications requests the operating system to open the sound device.

2. – 4. (Cancelled)

5. (Currently Amended) The sound volume adjustment system for a personal computer according to claim 1, wherein

when data is transferred from a software application for which a corresponding sound volume ~~setting information~~ adjustment coefficient is yet to be stored, said sound volume adjustment control means displays sound volume adjustment function indications on an operation screen to store, in said memory, the corresponding sound volume ~~setting information~~ adjustment coefficient based on a sound volume set through said sound volume adjustment function indications corresponding to the software application.

6. – 8. (Cancelled)

9. (Currently Amended) A sound volume adjustment method for a personal computer, said personal computer having a sound device, the method comprising the steps of:

storing an operating system on the personal computer;

storing a plurality of sound volume ~~setting information~~ adjustment coefficients that are set as multiples of a variable level of a sound volume of a system sound generated by said operating system, each of the plurality of sound volume adjustment coefficients corresponding to a respective one of for a plurality of software applications ~~so that plural sound information is stored for said plurality of software applications;~~

adjusting, ~~based on said sound volume setting information,~~ sound volume data for each of the plurality of software applications ~~based on said sound volume setting information by multiplying said sound volume data for each application of the plurality of software applications by a corresponding one of said plurality of sound volume adjustment coefficients; and~~

transferring adjusted sound volume data to the operating system; ~~and~~

wherein said variable level of said sound volume of said system sound is unchanged when an application of the plurality of software applications requests the operating system to open the sound device.

~~setting a sound volume level of said adjusted sound volume data is set to level near that of a sound volume of a system sound (error sound) based on the error sound generated by said operating system.~~

10. – 12. (Cancelled)

13. (Currently Amended) The sound volume adjustment method for a personal computer according to claim 9, further comprising:

when data is transferred from a software application for which a corresponding sound volume-setting information adjustment coefficient is yet to be stored, storing a sound volume setting information adjustment coefficient based on a set sound volume in said memory corresponding to the software application.

14. – 16. (Cancelled)

17. (Currently Amended) A computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment, said personal computer having a sound device, said sound volume adjustment program operating to perform the following steps:

interfacing with an operating system on the personal computer;

storing a plurality of sound volume-setting information for adjustment coefficients that are set as multiples of a variable level of a sound volume of a system sound generated by said operating system, each of the plurality of sound volume adjustment coefficients corresponding to a respective one of a plurality of software applications so that plural sound information is stored for said plurality of software applications;

adjusting, based on said sound volume-setting information, sound volume data for each of the plurality of software applications based on said sound volume-setting information, by multiplying said sound volume data for each application of the plurality of software applications by a corresponding one of said plurality of sound volume adjustment coefficients; and

transferring adjusted sound volume data to the operating system; and

wherein said variable level of said sound volume of said system sound is unchanged when an application of the plurality of software applications requests the operating system to open the sound device.

~~setting a sound volume level of said adjusted sound volume data is set to level near that of a sound volume of a system sound (error sound) based on the error sound generated by said operating system.~~

18. – 20. (Cancelled)

21. (Currently Amended) The computer readable memory storing a sound volume adjustment program for controlling a personal computer to conduct sound volume adjustment according to claim 17, wherein the following additional steps are performed:

when data is transferred from a software application for which a corresponding sound volume setting information adjustment coefficient is yet to be stored, storing a sound volume setting information adjustment coefficient based on a set sound volume in said memory corresponding to the software application.

22. – 23. (Cancelled)

24. (New) The sound volume adjustment system of claim 1,

wherein a sound volume level of said adjusted sound volume data is set to a level near that of the level of the sound volume of the system sound generated by said operating system.

25. (New) The sound volume adjustment method of claim 9,

wherein the step of adjusting, comprises:

adjusting sound volume data for each of the plurality of software applications, such that a sound volume level of the adjusted sound volume data is set to a level near that of the level of the sound volume of the system sound generated by said operating system, by multiplying said sound volume data for each application of the plurality of software applications by a corresponding sound volume adjustment coefficient of the plurality of sound volume adjustment coefficients.

26. (New) The computer readable memory storing a sound volume adjustment program of claim 17,

wherein the step of adjusting, comprises:

adjusting sound volume data for each of the plurality of software applications, such that a sound volume level of the adjusted sound volume data is set to a level near that of the level of the sound volume of the system sound generated by said operating system, by multiplying said sound volume data for each application of the plurality of software applications by a corresponding sound volume adjustment coefficient of the plurality of sound volume adjustment coefficients.